Richard Guidorizzi Program Manager, Information Innovation Office

Beyond passwords

DARPA Cyber Colloquium Arlington, VA

November 7, 2011



| maintaining the data needed, and c including suggestions for reducing | lection of information is estimated to ompleting and reviewing the collect this burden, to Washington Headqu uld be aware that notwithstanding ar DMB control number. | ion of information. Send comments arters Services, Directorate for Information | regarding this burden estimate or mation Operations and Reports | or any other aspect of th , 1215 Jefferson Davis I | is collection of information, Highway, Suite 1204, Arlington |
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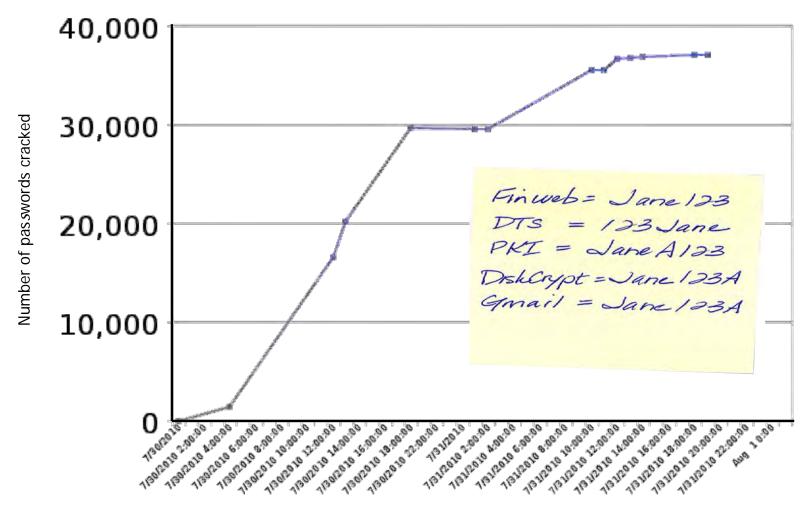
Report Documentation Page

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DARPA The Unintended Consequences of Passwords

Defcon 2010 Password Hacking Contest

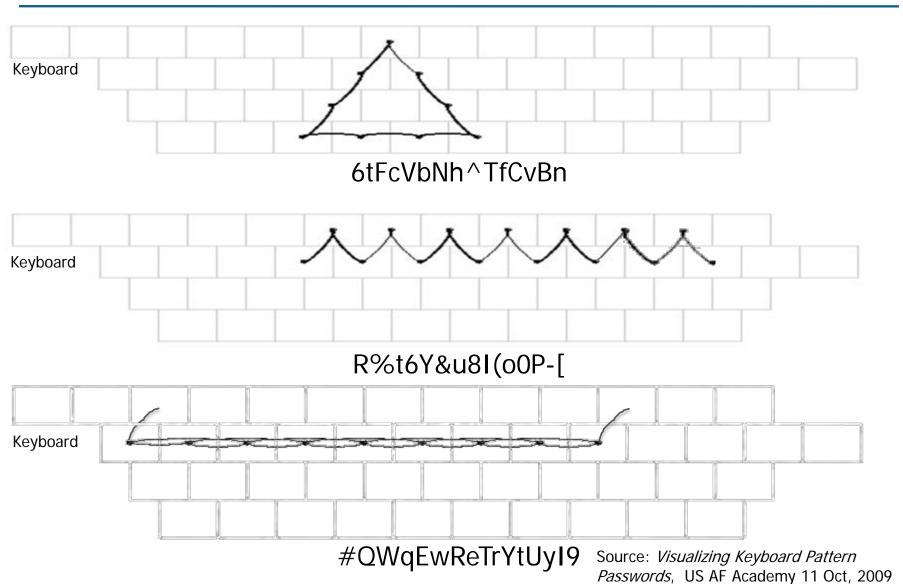


Date / Time

Source: http://contest.korelogic.com/



Why will passwords always be a problem?

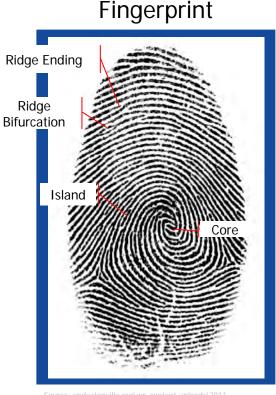




How do we move from proxies for you to the actual you?

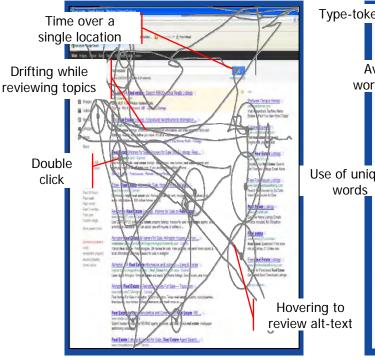


DARPA Biometric Identity Modalities



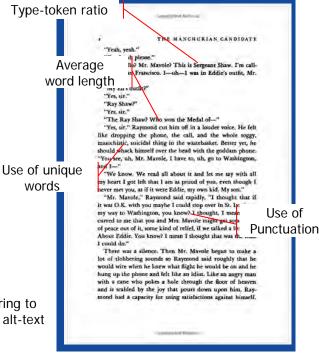
Existing Technology

Mouse tracking



Repurposed **Technology**

Forensic authorship



New **Technology**



DARPA Active Authentication Program

- Performer Day Announcement: DARPA-SN-12-13
- Contact Email: <u>ActiveAuthentication@DARPA.MIL</u>
- Performer Day: November 18, 2011
 - URL: http://www.fbo.gov
- Richard.Guidorizzi@DARPA.MIL